

E1
ADD

15. (Amended) A method according to claim 76, wherein the first DNA polymerase is selected from the group consisting of *Pyrococcus furiosus* DNA polymerase, Vent polymerase, and Deep Vent polymerase.

Sub
Fa
E2

~~35. (Twice Amended) A method of amplifying a polynucleotide sequence, said method comprising mixing a composition with a synthesis primer and a synthesis template, said composition comprising~~

- ~~(a) a first DNA polymerase possessing 3'-5' exonuclease activity, and~~
- ~~(b) a second DNA polymerase, wherein said second polymerase substantially lacks 3'-5' exonuclease activity.~~

Sub
Fa
E3

~~76. (Twice Amended) A method of synthesizing a polynucleotide sequence, said method comprising mixing a composition with a synthesis primer and a synthesis template, said composition comprising~~

- ~~(a) a first DNA polymerase possessing 3'-5' exonuclease activity, and~~
- ~~(b) a second DNA polymerase, wherein said second polymerase substantially lacks 3'-5' exonuclease activity.~~

FINNEGAN
HENDERSON
PARBOW
CARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com